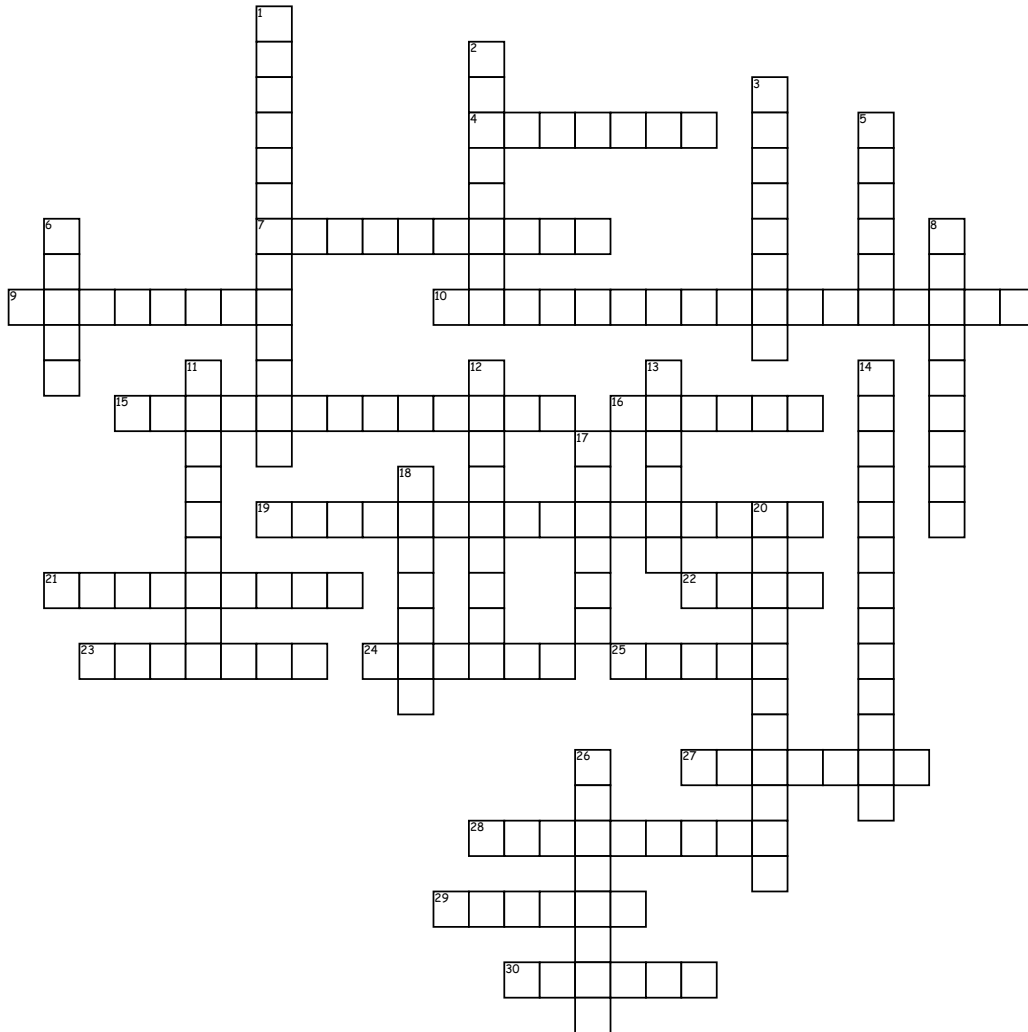


# Electricity



## Across

4. \_\_\_\_\_ electricity involves flow of electrons.  
 7. Electrons are \_\_\_\_\_ charged subatomic particles.  
 9. Most electronic \_\_\_\_\_ are made of metal.  
 10. Electricity leaves a power plant through \_\_\_\_\_.  
 15. Copper wire, an iron nail, and a battery can be used to make an \_\_\_\_\_.  
 16. Power source in a circuit provides a \_\_\_\_\_ flow of electrons.  
 19. What type of electricity is produced by a dam?  
 21. A difference in electrical charge causes what?  
 22. A \_\_\_\_\_ is any device that uses electricity.  
 23. Flow of electrons through a conductor is called what?  
 24. Component of a circuit; Energy \_\_\_\_\_.

25. A conductor is any substance that electricity \_\_\_\_\_ through easily.  
 27. The path that electricity travels is known as what?  
 28. Static electricity is caused by an \_\_\_\_\_ of positive and negative particles.  
 29. Who discovered static electricity around 500BC  
 30. A \_\_\_\_\_ opens and closes a circuit.

## Down

1. Two poles of a magnet are called \_\_\_\_\_  
 2. Component of a circuit \_\_\_\_\_  
 3. Electricity flowing through an object causes what to be created? \_\_\_\_\_ field  
 5. Electrons \_\_\_\_\_ to make electricity.  
 6. The word magnet comes from the name of a \_\_\_\_\_.

8. Component of a circuit. C \_\_\_\_\_  
 11. A \_\_\_\_\_ changes mechanical energy into electrical energy.  
 12. Rubber is a good \_\_\_\_\_.  
 13. \_\_\_\_\_ electricity involves a single transfer of electrons.  
 14. Some magnets are described as being \_\_\_\_\_ because they are made of iron.  
 17. Most \_\_\_\_\_ are good conductors.  
 18. An insulator is any substance that electricity \_\_\_\_\_ flow through easily.  
 20. Device that raises or lowers powers for use in your home?  
 26. Benjamin \_\_\_\_\_ discovered the electricity in lightning.

## Word Bank

North and South	Steady	Switch	Hydroelectricity	Load
Negatively	Travel	Insulator	Generator	Electromagnet
Franklin	Flows	Metals	Pathways	Current
Ferromagnetic	Place	Lightning	Source	Transformer
Does Not	Magnetic	Static	Transmission Lines	Circuit
Current	Conductor	Greeks	Imbalance	Receiver